



# CONFIGURATION MANAGEMENT

## *CM ERP IPT*

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# Configuration Management AGENDA

- 0830 - 0900 IPT Objectives
- 0900 - 1000 Hammer Video on ERP/SAP
- 1000 - 1015 Break
- 1015 - 1115 Overview of NAVSEA NEMAIS ERP Project
- 1115 - 1145 Migration of CM Data
- 1145 - 1230 Lunch
- 1230 - 1300 Configuration Data Accuracy/Audit
- 1300 - 1330 ERP Initiatives
- 1330 - 1400 IPT Structure
- 1500 Adjourn

# Configuration Management

## Corporate IPT Objectives

- Support Phase A Implementation of NEMAIS
- Develop Business Processes Required to Transition CM into ERP Environment
- Interface with other System Commands ERP Projects



# MIGRATION OF CM DATA *NEMAIS PHASE A*

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## Migration of CM Data

- Current Status
  - NEMAIS Migration Team Developing Equipment Master
    - 30% Complete to Date
  - Defining Fields Required for SIMA Norfolk Maintenance Planning
    - Identifying Data Sources
    - Data Mapping from Legacy to SAP
    - Exploring Format Options for Data Migration

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## Migration of CM Data

(cont.)

- Scheduled Milestones
  - Corporate Configuration Data Clean-up
  - Master Data Definition
  - Develop CDMD-OA Interface Plan
  - SAP to CDMD-OA Interface
  - Data Migration Plan
  - Load CDMD-OA Data Into SAP - June, 01
  - SAP to CDMD-OA Interface Established - Nov, 01

As interfaces are established testing will be conducted



# CONFIGURATION DATA ACCURACY

## NEW MALSDPHASE A

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## NEMAIS Project Phase A

### CM Data Accuracy/Audit

- Objective
  - Migration Not Dependent on Auditing CM Data
  - Focus Effort on Desktop Review and Correction (as appropriate) of Key SIMA Data Elements
  - Allow SIMA to Pull Correct Item/Equipment for Repair/Maintenance
  - Use SAP R/3 Functionality after Data Migration to Identify Data Discrepancies

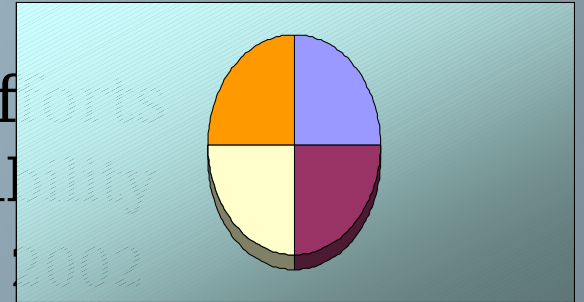
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## NEMAIS Project Phase A

### CM Data Accuracy/Audit (cont.)

- Strategy

- Establish Priorities for Audit Efforts
  - LANT Ships coming into Availability
    - Dec 1, 2001 Through June 30, 2002
      - » Obtain list of Ships out of FMPMIS/AIPS
      - » Obtain RSG Schedule from SIMA
  - Remaining LANT Ships
  - San Diego Ships Scheduled for Availabilities
  - Remaining PAC Ships



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## NEMAIS Project Phase A

### CM Data Audit (cont.)

- Execution
  - Maximize use of Desktop Utilities to Correct Data
    - Assembled Core Group to Define Baseline
      - » SUBLANT, SURFLANT, CDM, ISEA, NSLC, NEMAIS, SEA 04
    - Core Data Elements Identified
      - » APL (2/4) & AEL
      - » Parent RIN (4)
      - » SAC
      - » ALT Type (4)
      - » Alt No. (4)
      - » ALT Status (4)
      - » Location

**Ensure Correct Item/Equipment is Pulled for Repair/Maintenance**

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## NEMAIS Project Phase A

### CM Data Accuracy/Audit (cont.)

- Execution (cont.)
  - Use Existing Infrastructure to Perform Desktop Audits:
    - Configuration Data Managers:
      - » Determine Workfile Backlogs
      - » Identify and Clean up Mandatory Edits
      - » APL (application of X-RIC Supersessions & Cancellations applied)
      - » EIC (focus on First two digits for Validity)
      - » PSEUDO Equipment Serial Number
      - » Location (obtain CCL from Ship & fill in blanks or bogus locations)
      - » Run DBR for Ships in Availability, Particularly OMMS-NG
      - » Request PMS-4 Report from FTSC/LANT for Ships in Target<sub>11</sub> Group
    - NSLC: Obtain OARS Extract of SIMA Maintained Equipment

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## NEMAIS Project Phase A

### CM Data Audit (cont.)

- Execution (cont.)
  - Define Metrics for Current & Future Quality Initiatives
    - Measure Value of Audit Performed for Subsequent Application
    - Capture Audit Results to Analyze Return on Investment
      - Level of Effort and Level of Quality Improvement
    - Evaluate the Value of each Methodology used for Audit



# CM ERP INITIATIVES *CM ERP IPT*

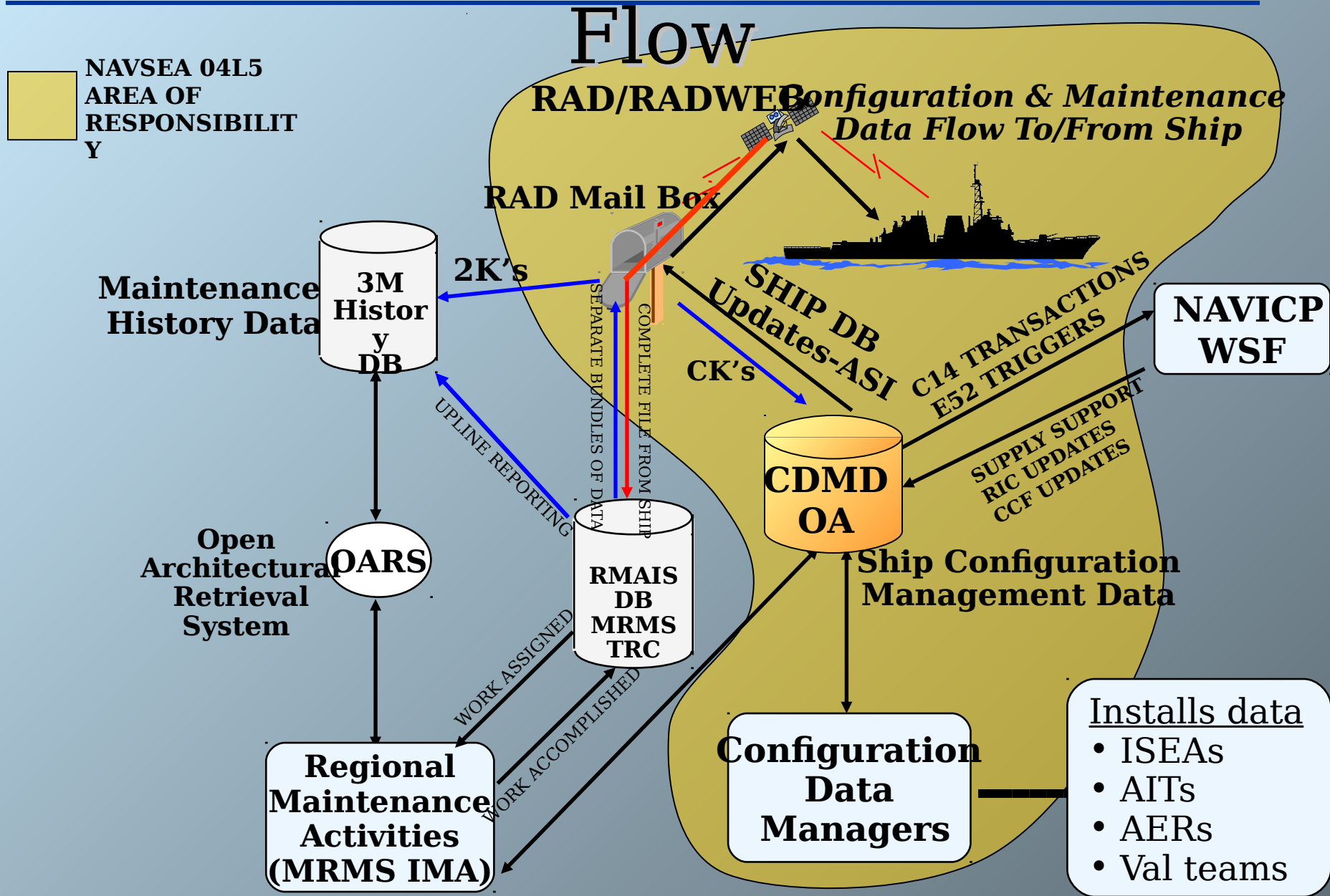
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## CM ERP Initiatives (cont.)

- Vision
  - Establish Business Processes Required to Integrate all Logistics Systems
- Achieving the Vision
  - Key Issue - Funding
  - Use NEMAIS Business Case Analysis as Baseline for SAP/ CM
  - IPT Effort will Focus on Improving Business Processes

# Today's ... Ship To Shore Data



# NAVSEA DATA ENVIRONMENT



**CDMD-OA will link to NDE by replicating core CM data to the NDE environment**

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## CM ERP Initiatives (cont.)

- Challenges in Moving into ERP Environment
  - Need Radical Change in Philosophy
  - Need to “Do It Right the First Time”
  - Determine Minimum Data Elements Required to Identify Equipment and Drive Correct Parts Support
  - Must Have System Flexibility
  - Ability to Measure Capability, Processes and Data Quality
  - High Emphasis on Metrics that Allow Early Detection of Problems

# CM ERP IPT Structure

- Charter
- Mission Statement
- IPT Membership Refinement
- Meeting Frequency
- Next Meeting Agenda

# Adjourn